

LA-UR-21-23122

Approved for public release; distribution is unlimited.

Title: (U) Meeting Notes and Process Flow Diagrams from 3/31/21 Pu/Z/ICE
Disposition Meeting

Author(s): Fredenburg, David A.
Wannigman, David L.

Intended for: External Collaboration

Issued: 2021-04-01

Disclaimer:

Los Alamos National Laboratory, an affirmative action/equal opportunity employer, is operated by Triad National Security, LLC for the National Nuclear Security Administration of U.S. Department of Energy under contract 89233218CNA000001. By approving this article, the publisher recognizes that the U.S. Government retains nonexclusive, royalty-free license to publish or reproduce the published form of this contribution, or to allow others to do so, for U.S. Government purposes. Los Alamos National Laboratory requests that the publisher identify this article as work performed under the auspices of the U.S. Department of Energy. Los Alamos National Laboratory strongly supports academic freedom and a researcher's right to publish; as an institution, however, the Laboratory does not endorse the viewpoint of a publication or guarantee its technical correctness.

(U) Meeting Notes and Process Flow Diagrams from 3/31/21 Pu/Z/ICE Disposition Meeting

D.A. Fredenburg, D. Wannigman

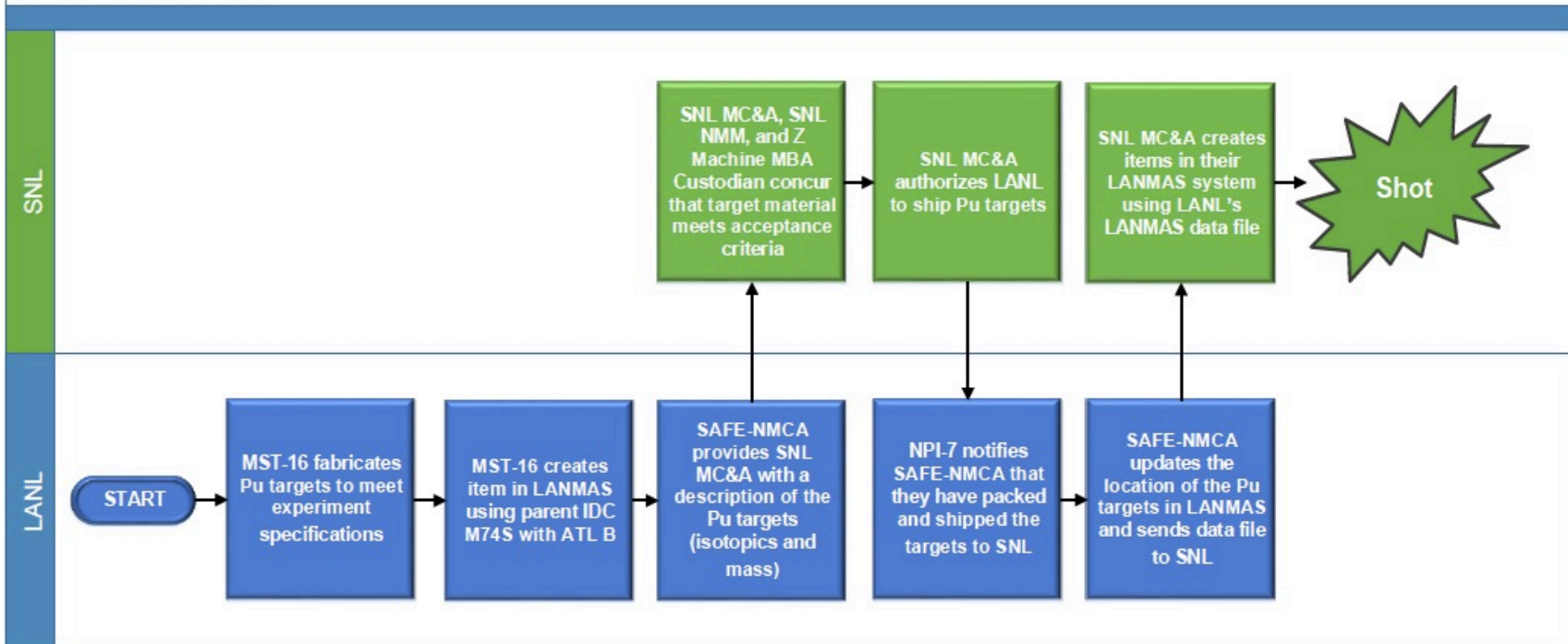
March 31, 2021

Abstract: This slide set captures the content presented and discussion points covered in the 3/31/21 Pu/Z/ICE disposition working group meeting.

Agenda

- Introduction & Highlight Items from Group
- Socialization & Feedback on Process Flow Diagrams (Wannigman)
- Program/Resource Support for Pu/Z/ICE Disposition at LANL
- SNL/WIPP Direct Ship Discussion



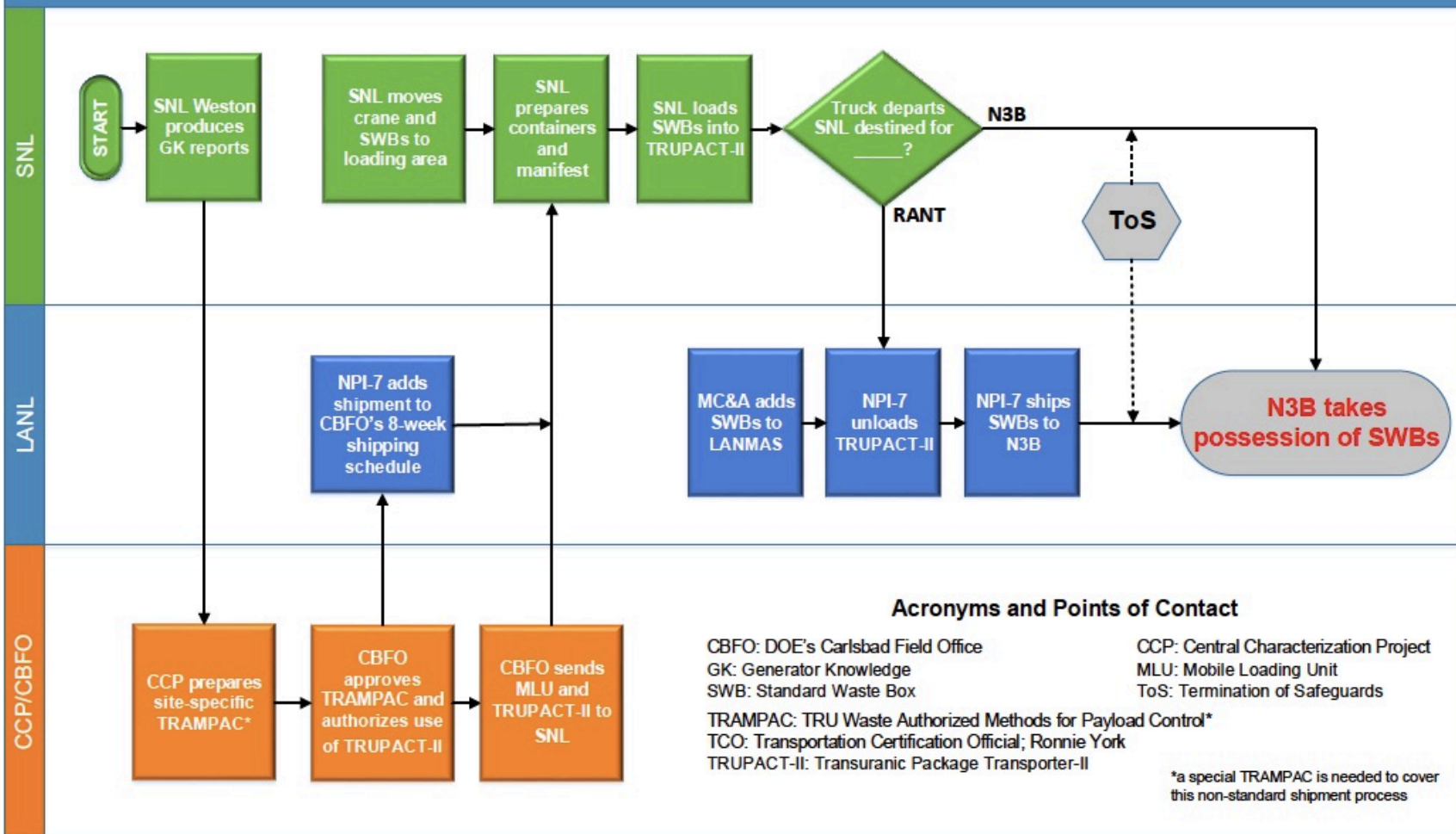


Acronyms and Points of Contact

ALDWP: Associate Lab Director Weapons Production
 ATL: Attractiveness Level
 IDC: Item Description Code
 LANL: Los Alamos National Laboratory / Triad
 LANMAS: Local Area Nuclear Material Accountability Software
 MBA: Material Balance Area
 MC&A: Material Control and Accountability
 NMM: Nuclear Material Management
 SNL: Sandia National Laboratory

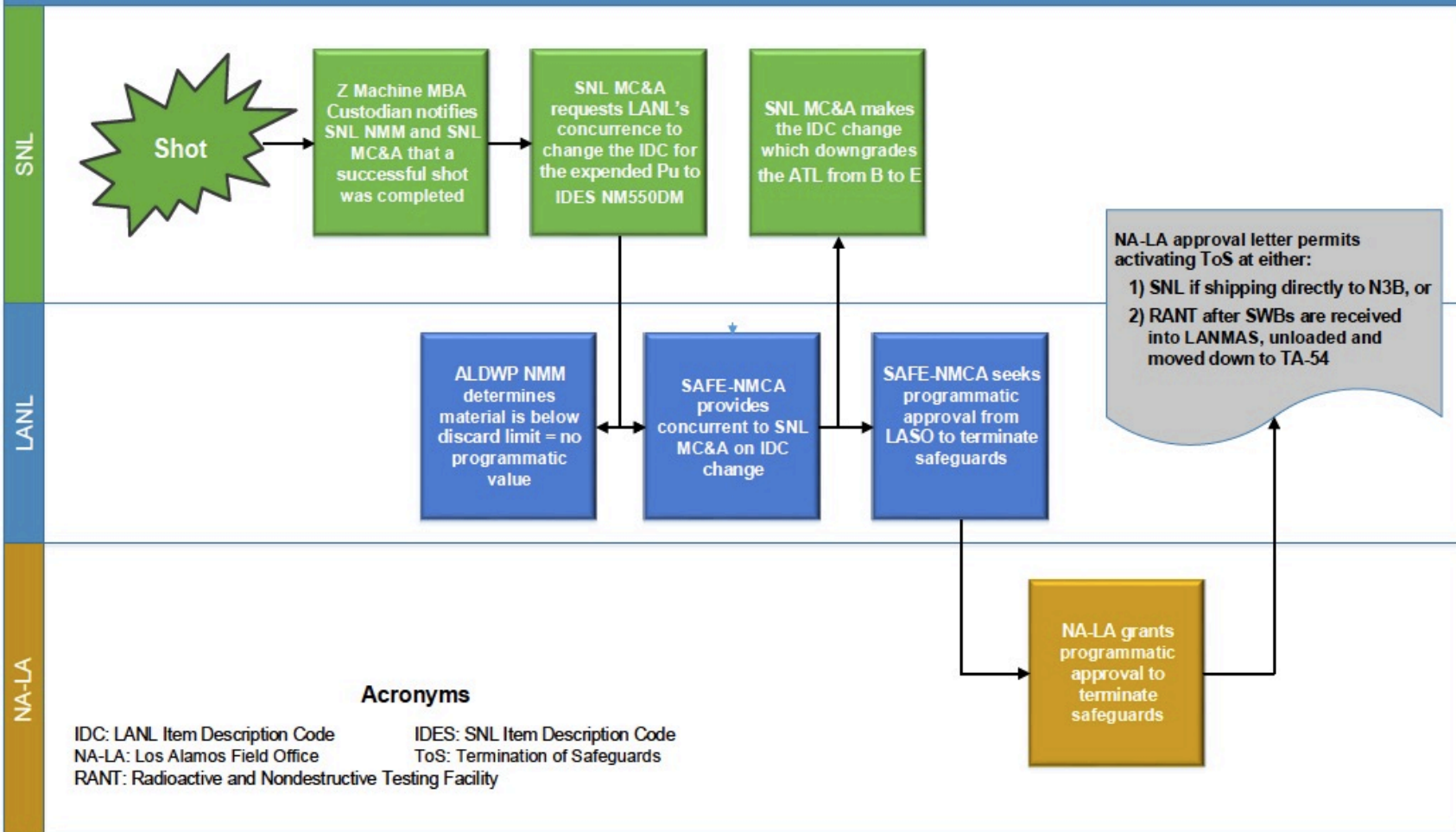
ALDWP NMM: Christy Abeyta / Pam Dominguez
 MBA Custodian: Jeff Gluth
 MST-16: Nuclear Material Science; Mike Ramos
 NPI-7: Hazardous Materials Shipping; Nestor Trujillo
 SAFE-NMCA: Mike Shipman / Cindy Heinberg
 SNL MC&A: Laura Whittet / Robin Brunt
 SNL NMM: Todd Erenstein







Pu-ICE: Post-Shot MC&A



Program/Resource Support for Pu/Z/ICE Disposition at LANL

- Modifications to LANL/Weston sub-contract to support:
 - Generation of GK reports for all outstanding and all future FY21 exps.,
 - provide update to the “Master” GK report,
 - provide logistical support for shipment
- Procurement of 7X SWBs to cover all additional FY21 is occurring through AFP to CCP (target April 7 AFP)
- Support for N3B to accept and unload shipment through SAWA
- Support for shipment acceptance & unload at RANT, and transfer to N3B
- Generation of revised “Comprehensive Plan”



Discussion Points and Actions

- Target ship date is June, exact date TBD and will depend on numerous factors
- Shipment being developed to remove 6X SWBs, some containing multiple exps.
- Site specific TRAMPAC is being worked, but may be one of the long poles in the tent
 - **Action:** Betty Humphreys will contact CCP to get additional information on process/progress
- Primary Ship Option: SNL → N3B
 - PISA needs to be resolved prior to enabling this path
 - **Action:** David Wannigman will determine how PISA is being resolved and communicate
 - Concerns raised regarding ToS for this route, not thought insurmountable
- Secondary Ship Option: SNL → LANL/RANT
 - Must work through safety basis issue regarding only accepting “WIPP Certifiable” waste at RANT, an exemption is currently being worked to address this
- Current PF-4 pause in WIPP shipments not thought to affect this process
- Information still needed on QA/QC process to enable direct SNL → WIPP shipments
 - **Action:** Anthony Fredenburg will schedule meeting to engage C-AAC in these discussions

